

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061625\
 Data File : BN037286.D
 Acq On : 16 Jun 2025 11:39
 Operator : RC/JU
 Sample : Q2299-17DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610DL

Quant Time: Jun 16 12:25:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

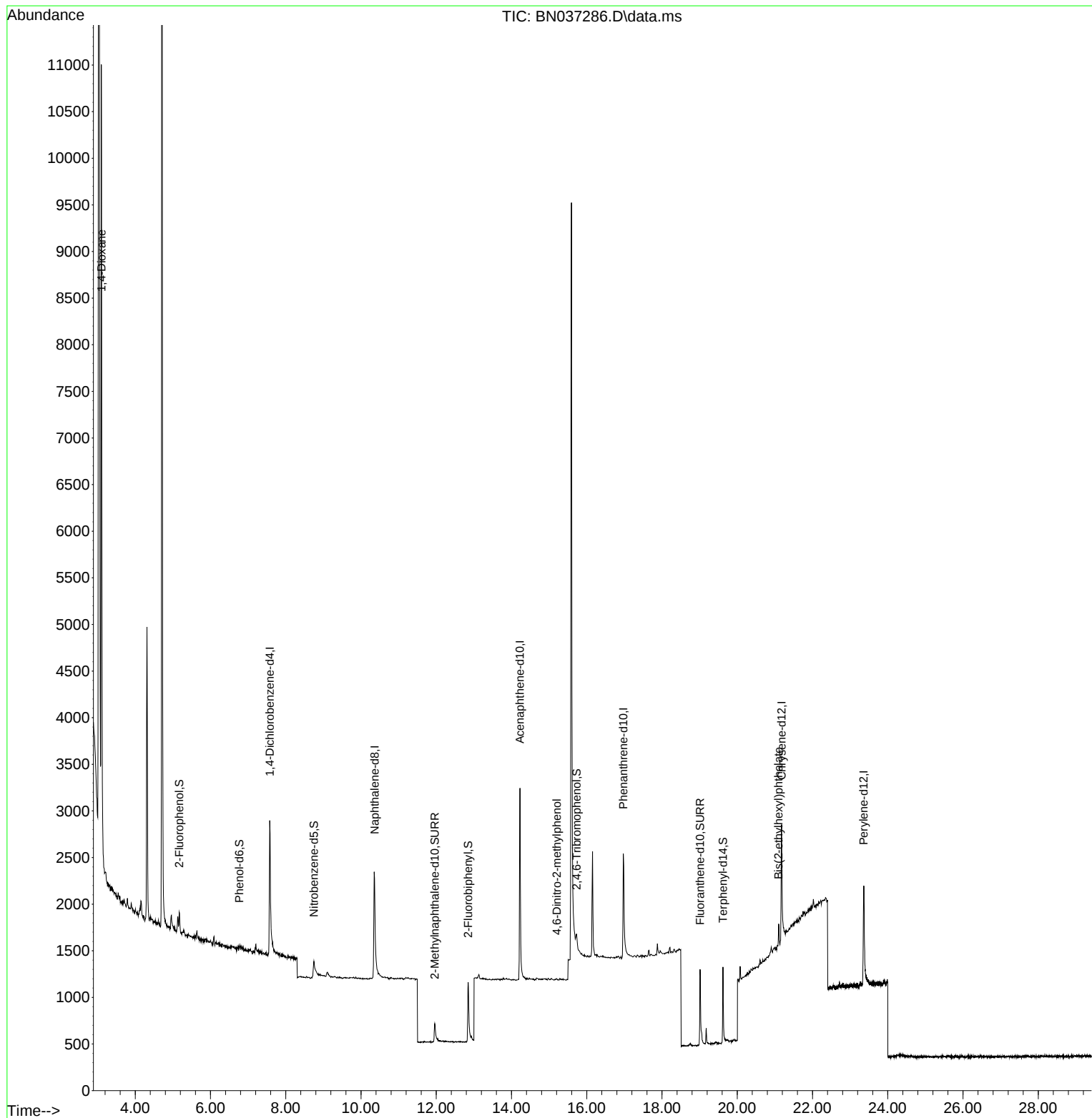
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	929	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2314	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1314	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2315	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1782	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1749	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	156	0.068	ng	0.00
5) Phenol-d6	6.766	99	81	0.034	ng	0.00
8) Nitrobenzene-d5	8.749	82	318	0.139	ng	0.02
11) 2-Methylnaphthalene-d10	11.960	152	486	0.157	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	97	0.178	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	829	0.150	ng	0.00
27) Fluoranthene-d10	19.012	212	1190	0.196	ng	0.00
31) Terphenyl-d14	19.621	244	886	0.220	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	4235	3.323	ng	97
20) 4,6-Dinitro-2-methylph...	15.207	198	1	0.118	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.099	149	260	0.058	ng	# 96

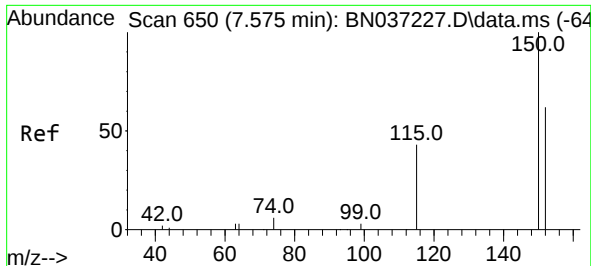
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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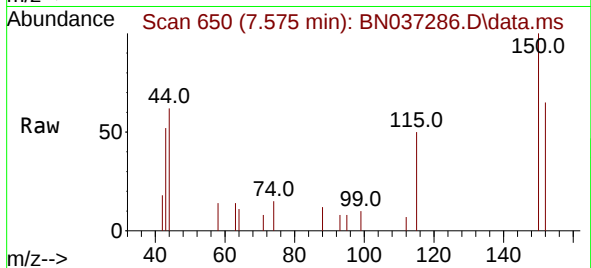
Quant Time: Jun 16 12:25:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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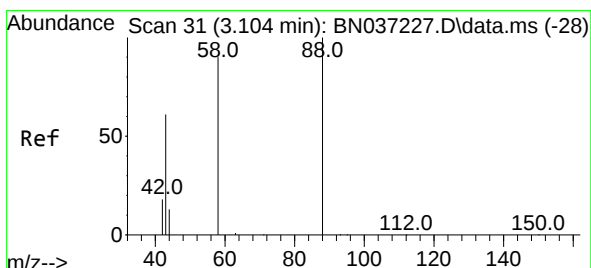
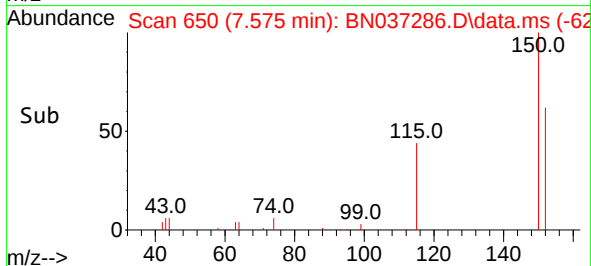
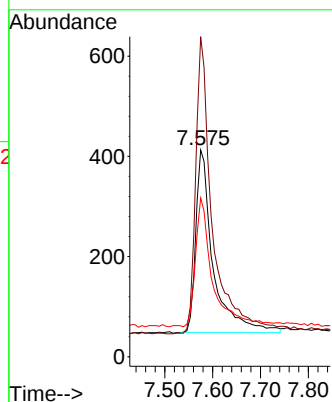
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037286.D
 Acq: 16 Jun 2025 11:39

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610DL



Tgt Ion:152 Resp: 929

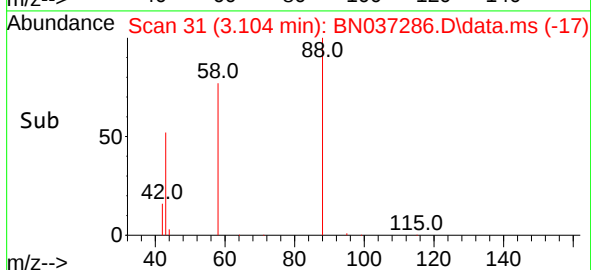
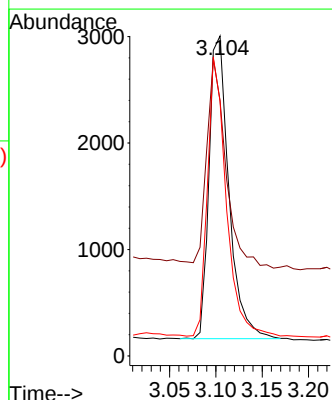
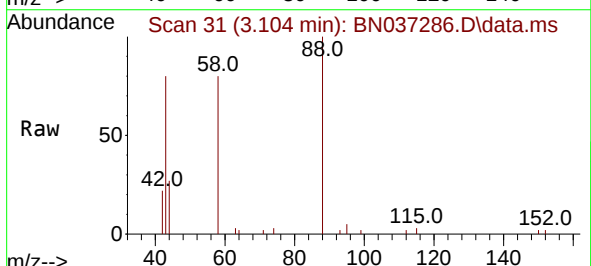
Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.2	187.8
115	76.8	58.4	87.6

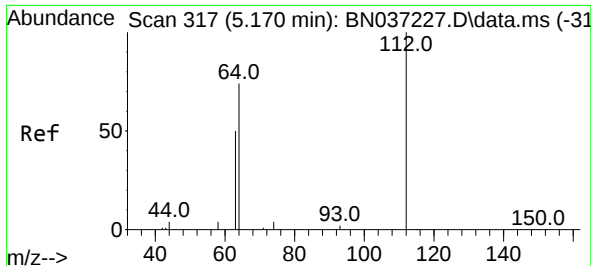


#2
 1,4-Dioxane
 Concen: 3.323 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037286.D
 Acq: 16 Jun 2025 11:39

Tgt Ion: 88 Resp: 4235

Ion	Ratio	Lower	Upper
88	100		
43	65.9	52.6	79.0
58	87.1	73.5	110.3

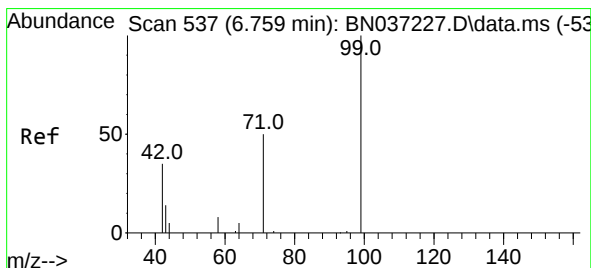
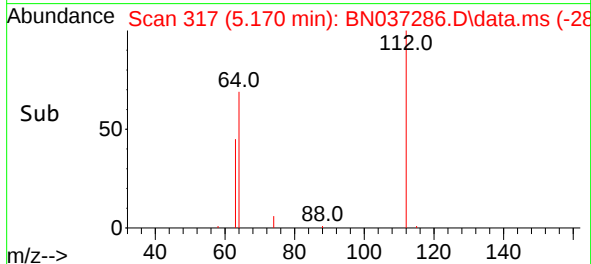
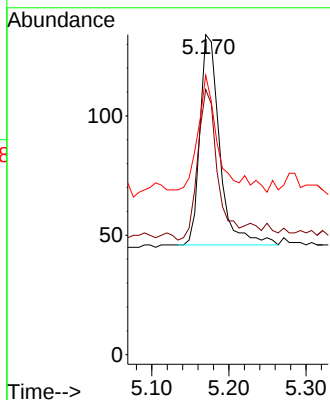
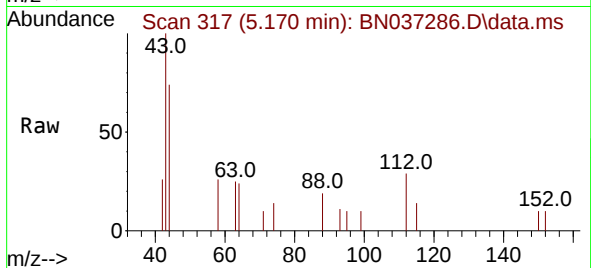




#4
2-Fluorophenol
Concen: 0.068 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

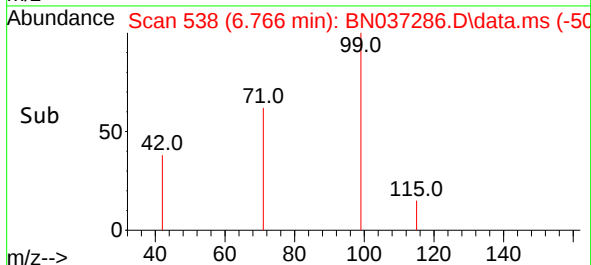
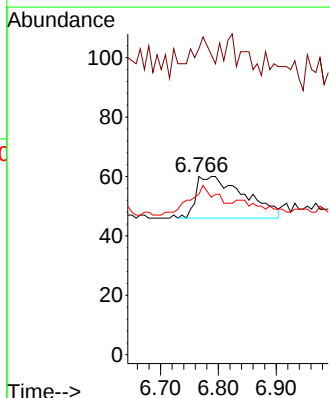
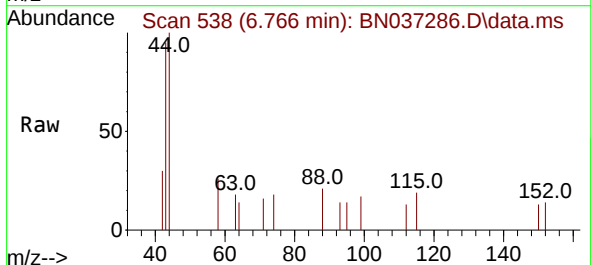
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250610DL

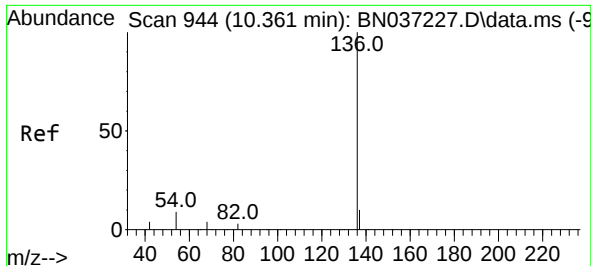
Tgt Ion:112 Resp: 156
Ion Ratio Lower Upper
112 100
64 71.8 57.2 85.8
63 50.0 39.8 59.6



#5
Phenol-d6
Concen: 0.034 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 99 Resp: 81
Ion Ratio Lower Upper
99 100
42 27.2 36.2 54.4#
71 42.0 42.4 63.6#

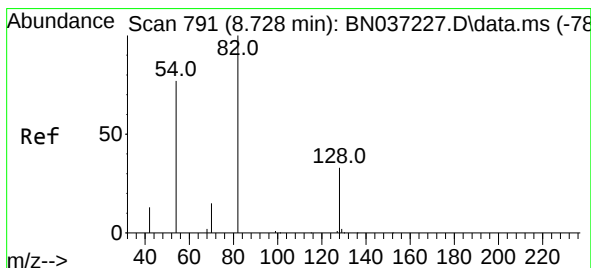
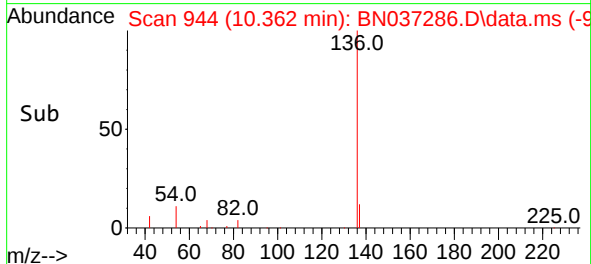
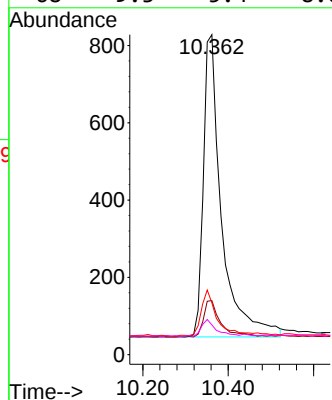
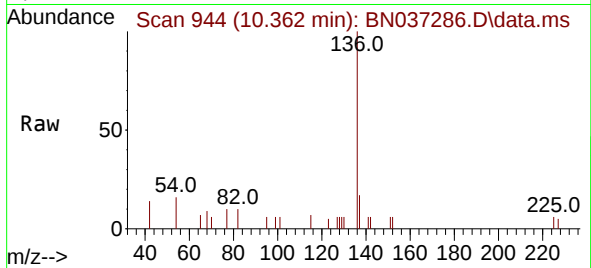




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

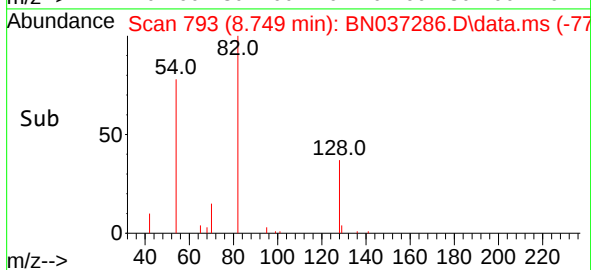
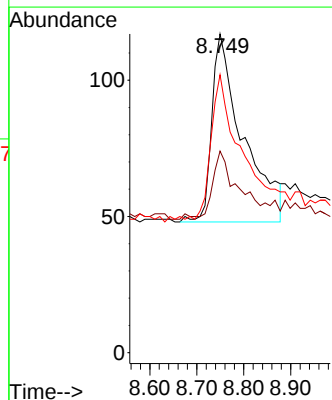
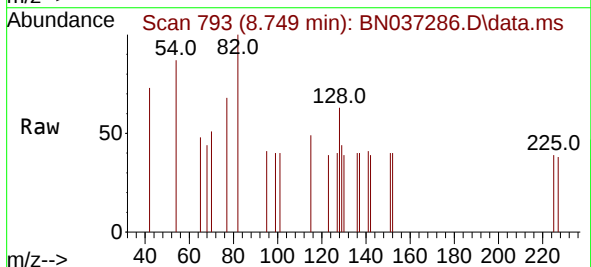
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250610DL

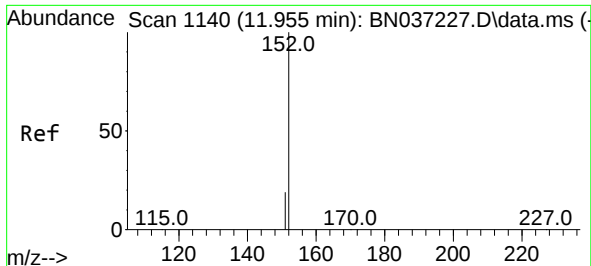
Tgt Ion:	136	Resp:	2314
Ion	Ratio	Lower	Upper
136	100		
137	16.9	10.6	15.8#
54	16.2	9.2	13.8#
68	9.3	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.139 ng
RT: 8.749 min Scan# 793
Delta R.T. 0.022 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

Tgt Ion:	82	Resp:	318
Ion	Ratio	Lower	Upper
82	100		
128	63.2	31.2	46.8#
54	87.2	63.3	94.9

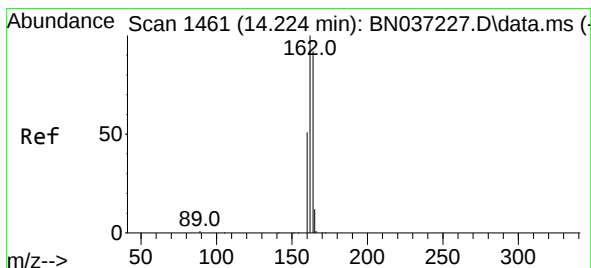
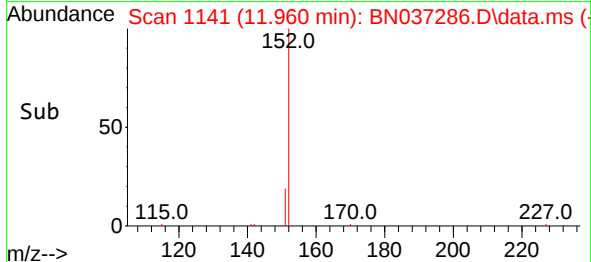
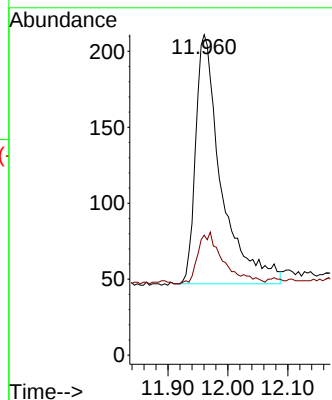
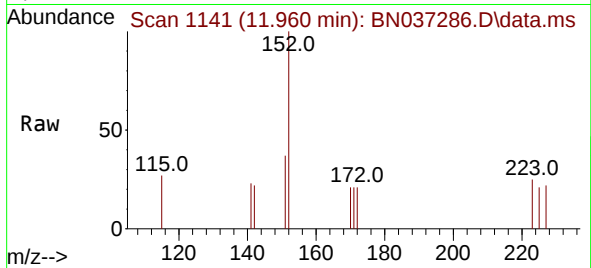




#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 11.960 min Scan# 1141
Delta R.T. 0.005 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

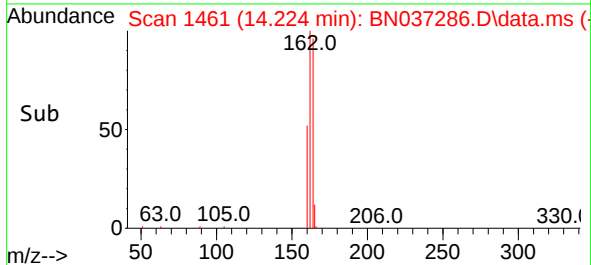
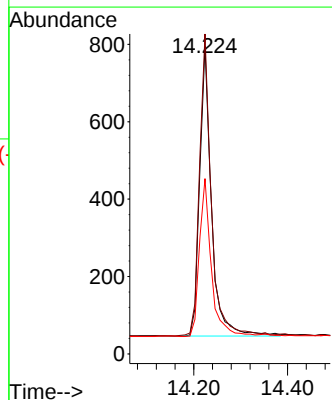
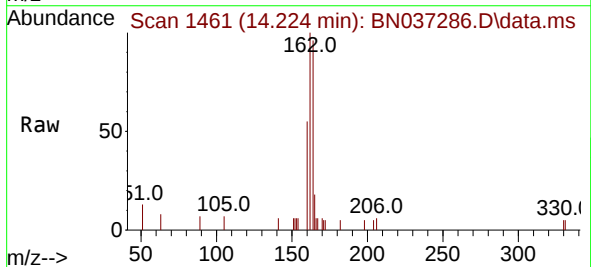
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250610DL

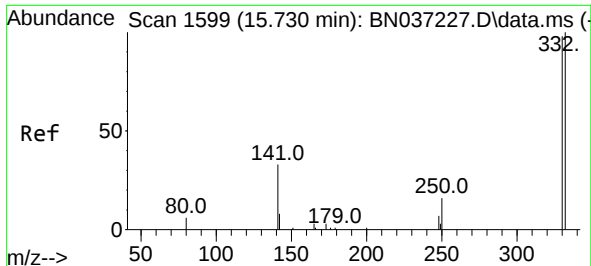
Tgt Ion:152 Resp: 486
Ion Ratio Lower Upper
152 100
151 20.6 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

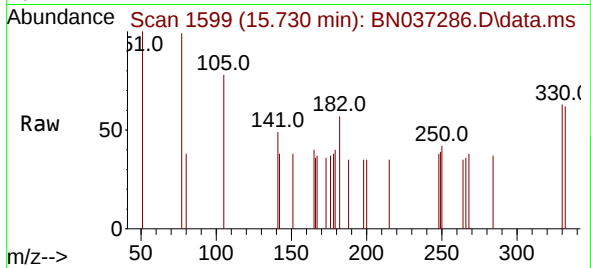
Tgt Ion:164 Resp: 1314
Ion Ratio Lower Upper
164 100
162 104.0 86.7 130.1
160 57.0 45.8 68.6



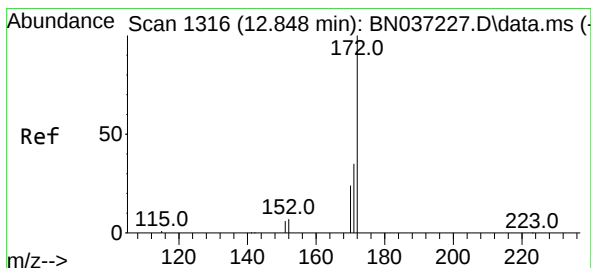
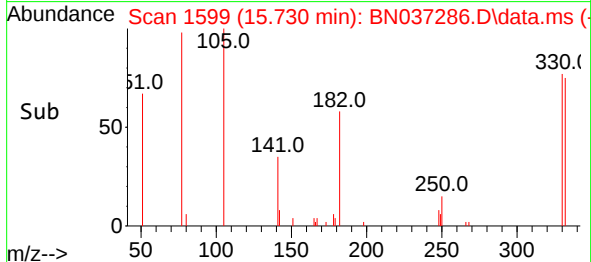
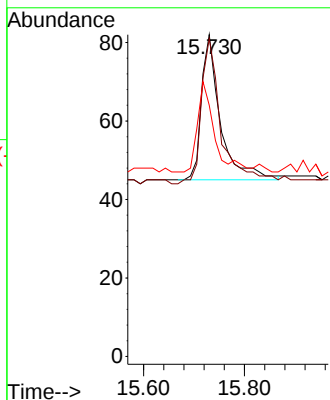


#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

Instrument :
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ClientSampleId :
RE134D3-20250610DL

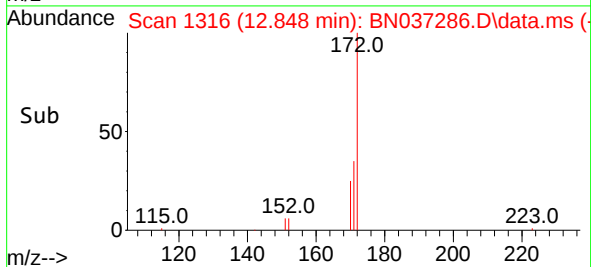
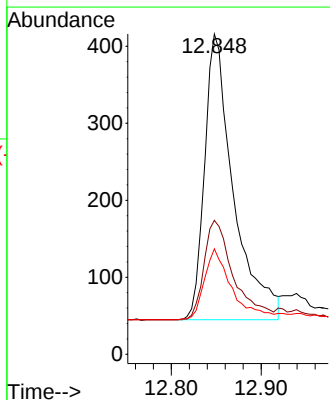
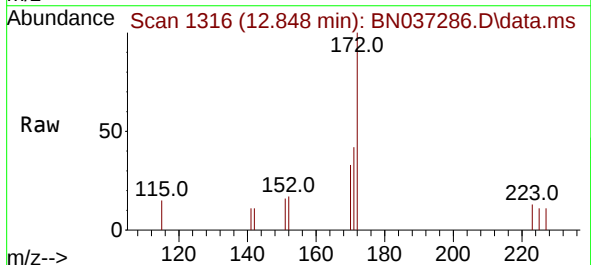


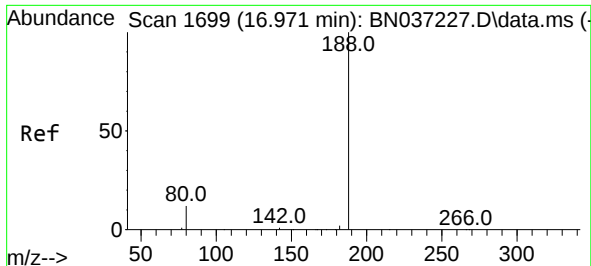
Tgt Ion:330 Resp: 97
Ion Ratio Lower Upper
330 100
332 106.2 74.9 112.3
141 55.7 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.150 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

Tgt Ion:172 Resp: 829
Ion Ratio Lower Upper
172 100
171 41.8 29.8 44.8
170 32.9 21.1 31.7#

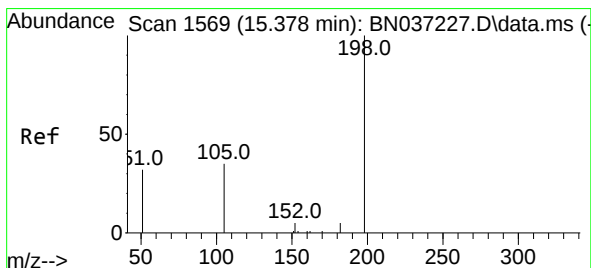
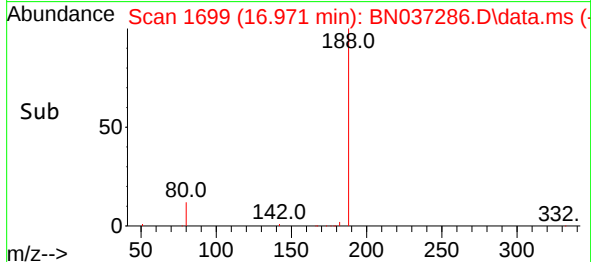
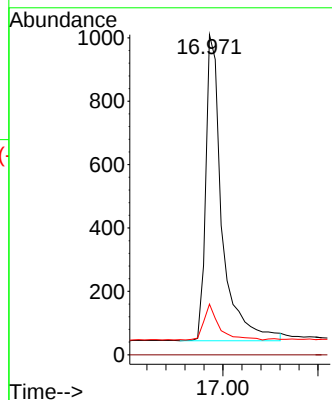
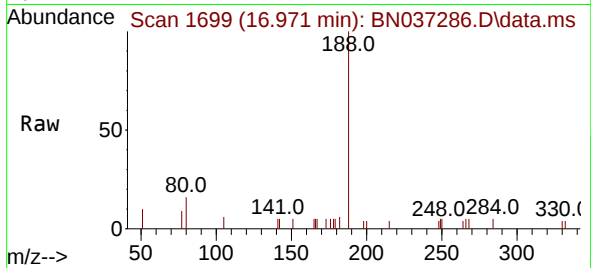




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

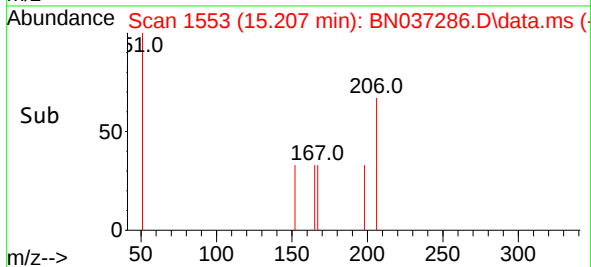
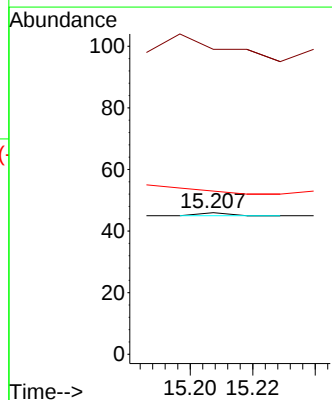
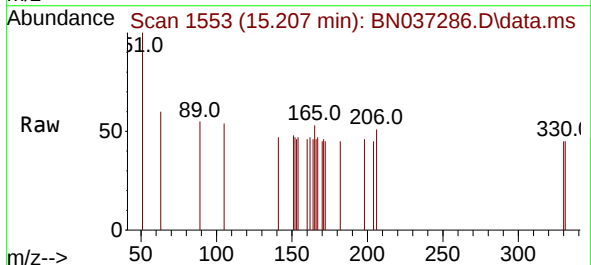
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BNA_N
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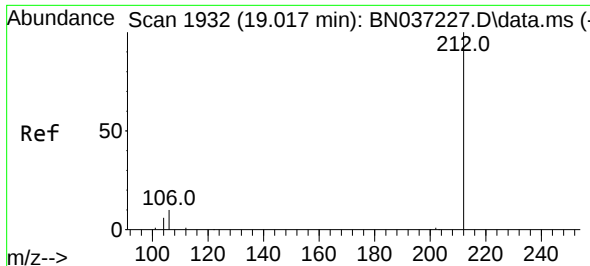
Tgt Ion:188 Resp: 2315
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 12.2 18.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.207 min Scan# 1553
Delta R.T. -0.171 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 215.2 111.2 166.8#
105 115.2 54.0 81.0#

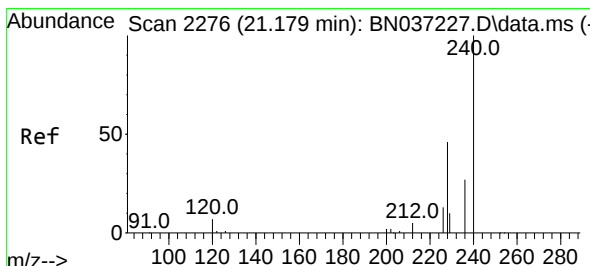
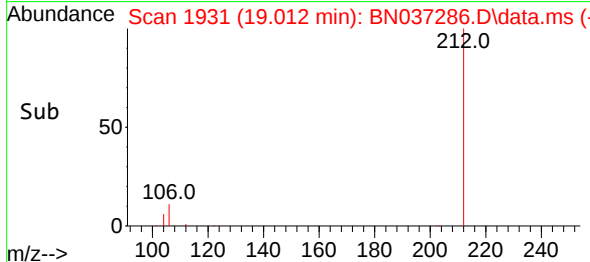
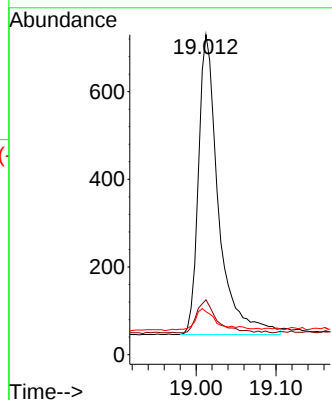
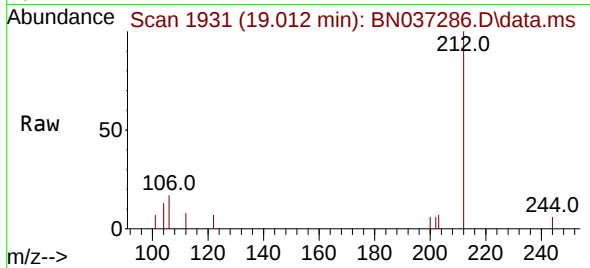




#27
Fluoranthene-d10
Concen: 0.196 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

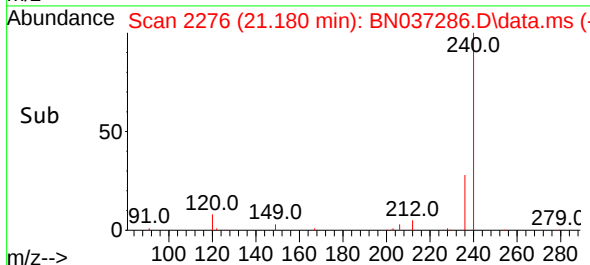
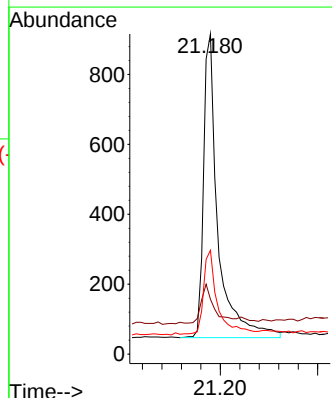
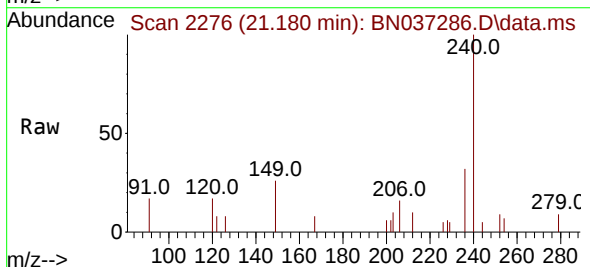
Instrument :
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RE134D3-20250610DL

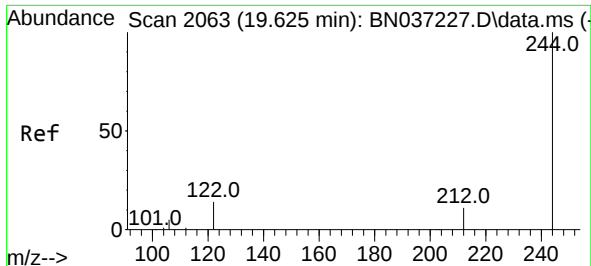
Tgt Ion:212 Resp: 1190
Ion Ratio Lower Upper
212 100
106 11.0 9.3 13.9
104 8.1 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN037286.D
Acq: 16 Jun 2025 11:39

Tgt Ion:240 Resp: 1782
Ion Ratio Lower Upper
240 100
120 17.1 11.3 16.9#
236 32.4 24.4 36.6

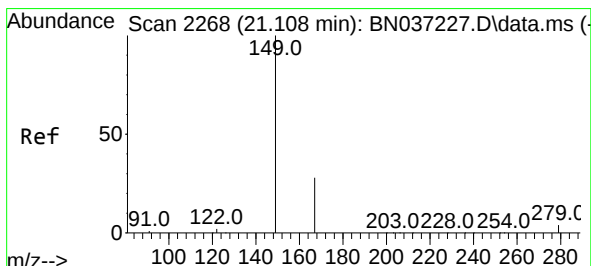
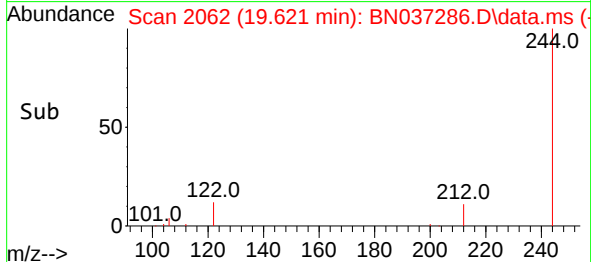
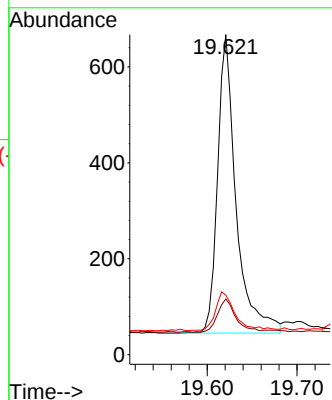
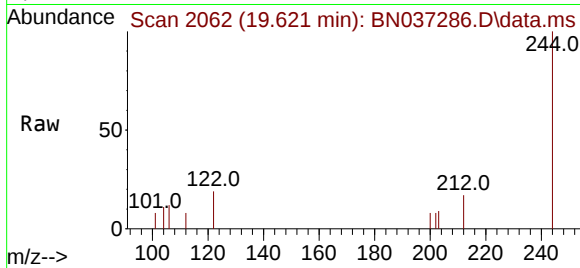




#31
 Terphenyl-d14
 Concen: 0.220 ng
 RT: 19.621 min Scan# 2063
 Delta R.T. -0.004 min
 Lab File: BN037286.D
 Acq: 16 Jun 2025 11:39

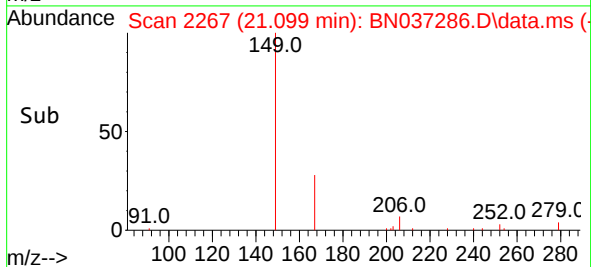
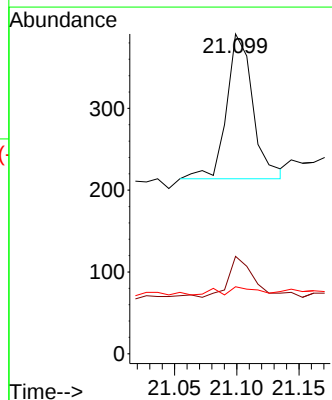
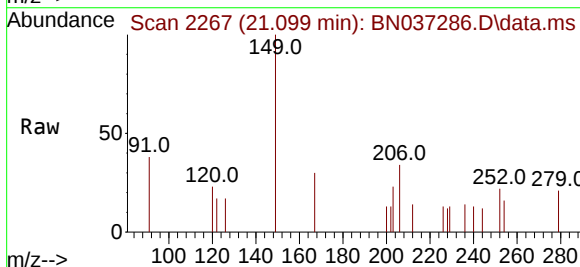
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610DL

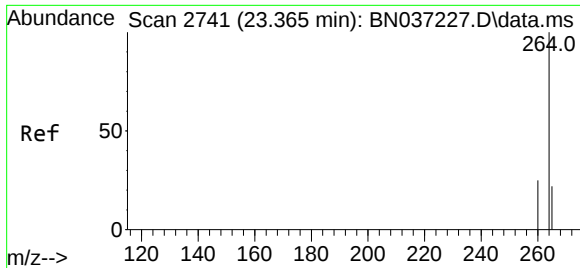
Tgt Ion:244 Resp: 886
 Ion Ratio Lower Upper
 244 100
 212 17.4 12.2 18.2
 122 18.6 14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037286.D
 Acq: 16 Jun 2025 11:39

Tgt Ion:149 Resp: 260
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.3 31.9
 279 6.9 3.3 4.9#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.360 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037286.D

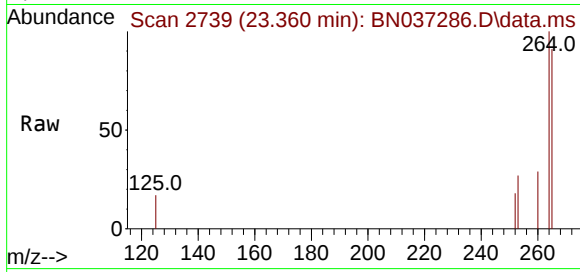
Acq: 16 Jun 2025 11:39

Instrument :

BNA_N

ClientSampleId :

RE134D3-20250610DL



Tgt Ion:264 Resp: 1749

Ion Ratio Lower Upper

264 100

260 29.0 22.8 34.2

265 91.4 66.4 99.6

